

820 Payment Order/Remittance Advice

Functional Group ID= **RA**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Notes:

- 1. This transaction set will be used by the remitter to transmit advice to the agency or designated third party. Some examples of the use of this collection model are payment of mortgage insurance premiums, student loans, medical claims, fees, and duties.*
- 2. The monetary amount in BPR02 should be the sum of all "outer" loop values in data element ADX01 and all data element RMR04 amounts, if present. The data cited in data elements BPR12 -15 are in effect, the vendor's EFT "Remit To" electronic address.*

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
N/U	030	NTE	Note/Special Instruction	O	>1		
	035	TRN	Trace	O	1		c1
N/U	040	CUR	Currency	O	1		c2
	050	REF	Reference Numbers	O	>1		
	060	DTM	Date/Time Reference	O	>1		
LOOP ID - N1						>1	
	070	N1	Name	O	1		c3
N/U	080	N2	Additional Name Information	O	>1		
N/U	090	N3	Address Information	O	>1		
N/U	100	N4	Geographic Location	O	1		
N/U	110	REF	Reference Numbers	O	>1		
	120	PER	Administrative Communications Contact	O	>1		

Detail:

Payment Order/Remittance Advice (Inbound/Collections)

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		LOOP ID - ENT			>1	
010	ENT	Entity	O	1		n1, c4
		LOOP ID - N1			>1	
020	N1	Name	O	1		c5
030	N2	Additional Name Information	O	>1		
040	N3	Address Information	O	>1		
050	N4	Geographic Location	O	1		
N/U	060	REF	O	>1		
N/U	070	PER	O	>1		
		LOOP ID - ADX			>1	
N/U	080	ADX	O	1		c6
N/U	090	NTE	O	>1		
N/U	100	PER	O	>1		
N/U	105	DTM	O	1		
		LOOP ID - REF			>1	
N/U	110	REF	O	1		
N/U	120	DTM	O	>1		
		LOOP ID - IT1			>1	
N/U	130	IT1	O	1		c7
		LOOP ID - REF			>1	
N/U	140	REF	O	1		
N/U	141	DTM	O	1		
		LOOP ID - SAC			>1	
N/U	142	SAC	O	1		
N/U	143	TXI	O	>1		
		LOOP ID - SLN			>1	
N/U	144	SLN	O	1		
		LOOP ID - REF			>1	
N/U	145	REF	O	1		
N/U	146	DTM	O	>1		
		LOOP ID - SAC			>1	
N/U	147	SAC	O	1		
N/U	148	TXI	O	>1		
		LOOP ID - RMR			>1	
150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		c8
N/U	160	NTE	O	>1		
170	REF	Reference Numbers	O	>1		
180	DTM	Date/Time Reference	O	>1		
		LOOP ID - IT1			>1	
N/U	190	IT1	O	1		c9
		LOOP ID - REF			>1	

Payment Order/Remittance Advice (Inbound/Collections)

N/U	200	REF	Reference Numbers	O	1	
N/U	201	DTM	Date/Time Reference	O	1	
LOOP ID - SAC					>1	
N/U	202	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
N/U	203	TXI	Tax Information	O	>1	
LOOP ID - SLN					>1	
N/U	204	SLN	Subline Item Detail	O	1	
LOOP ID - REF					>1	
N/U	205	REF	Reference Numbers	O	1	
N/U	206	DTM	Date/Time Reference	O	>1	
LOOP ID - SAC					>1	
N/U	207	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
N/U	208	TXI	Tax Information	O	>1	
LOOP ID - ADX					>1	
	210	ADX	Adjustment	O	1	c10
N/U	220	NTE	Note/Special Instruction	O	>1	
N/U	230	PER	Administrative Communications Contact	O	>1	
LOOP ID - REF					>1	
	240	REF	Reference Numbers	O	1	
N/U	250	DTM	Date/Time Reference	O	>1	
LOOP ID - IT1					>1	
N/U	260	IT1	Baseline Item Data (Invoice)	O	1	c11
LOOP ID - REF					>1	
N/U	270	REF	Reference Numbers	O	1	
N/U	271	DTM	Date/Time Reference	O	1	
LOOP ID - SAC					>1	
N/U	272	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
N/U	273	TXI	Tax Information	O	>1	
LOOP ID - SLN					>1	
N/U	274	SLN	Subline Item Detail	O	1	
LOOP ID - REF					>1	
N/U	275	REF	Reference Numbers	O	1	
N/U	276	DTM	Date/Time Reference	O	>1	
LOOP ID - SAC					>1	
N/U	277	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
N/U	278	TXI	Tax Information	O	>1	
LOOP ID - TXP					>1	
N/U	280	TXP	Tax Payment	O	1	n2
N/U	285	TXI	Tax Information	O	>1	
LOOP ID - DED					>1	

Payment Order/Remittance Advice (Inbound/Collections)

N/U	287	DED	Deductions	O	1	n3
			LOOP ID - LX		>1	
N/U	290	LX	Assigned Number	O	1	n4
N/U	295	REF	Reference Numbers	O	>1	
N/U	300	TRN	Trace	O	>1	
			LOOP ID - NM1		>1	
N/U	305	NM1	Individual or Organizational Name	O	1	
N/U	310	REF	Reference Numbers	O	>1	
N/U	315	G53	Maintenance Type	O	1	
			LOOP ID - AIN		>1	
N/U	320	AIN	Income	O	1	
N/U	325	QTY	Quantity	O	>1	
N/U	330	DTP	Date or Time or Period	O	>1	
			LOOP ID - PEN		>1	
N/U	335	PEN	Pension Information	O	1	
N/U	340	AMT	Monetary Amount	O	>1	
N/U	345	DTP	Date or Time or Period	O	>1	
			LOOP ID - INV		>1	
N/U	350	INV	Investment Vehicle Selection	O	1	
N/U	355	DTP	Date or Time or Period	O	>1	

Summary:

	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.Use</u>	<u>Loop</u>	<u>Notes and</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>		<u>Repeat</u>	<u>Comments</u>
Must Use	010	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The ENT loop is for vendor payments.
2. The TXP loop is for tax payments.
3. The DED loop is for child support payments.
4. The LX loop is for pension payments.

Transaction Set Comments

1. The TRN segment is used to uniquely identify a payment order/remittance advice.
2. The CUR segment does not initiate a foreign exchange transaction.
3. The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
4. ENT09 may contain the payee's accounts receivable customer number.
5. Allowing the N1 segment to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).
6. This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
7. Loop IT1 within the ADX loop is the adjustment line item detail loop.
8. Loop RMR is for open items being referenced or for payment on account.

- 9.** Loop IT1 within the RMR loop is the remittance line item detail loop.
- 10.** This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop (position 080).
- 11.** Loop IT1 within the ADX loop is the adjustment line item detail loop.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use ST01	143	Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		820 X12.4 Payment Order/Remittance Advice	
Must Use ST02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		<i>This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.</i>	

Segment: **BPR** **Beginning Segment for Payment Order/Remittance Advice**

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: (1) To indicate the beginning of a PaymentOrder/Remittance Advice Transaction Set and total payment amount or (2) to enable related transfer of funds and/or information from payer to payee to occur

Syntax Notes:

- 1 If either BPR06 or BPR07 is present, then the other is required.
- 2 If BPR08 is present, then BPR09 is required.
- 3 If either BPR12 or BPR13 is present, then the other is required.
- 4 If BPR14 is present, then BPR15 is required.
- 5 If either BPR18 or BPR19 is present, then the other is required.
- 6 If BPR20 is present, then BPR21 is required.

Semantic Notes:

- 1 BPR02 specifies the payment amount.
- 2 When using this transaction set to initiate a payment, BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used.
BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
- 3 BPR08 is a code identifying the type of bank account or other financial asset.
- 4 BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
- 5 BPR14 is a code identifying the type of bank account or other financial asset.
- 6 BPR15 is the account number of the receiving company to be debited or credited with the payment order.
- 7 BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).
- 8 BPR17 is a code identifying the business reason for this payment.
- 9 BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.
- 10 BPR20 is a code identifying the type of bank account or other financial asset.

Comments:

- 1 BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.

Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
Must Use	BPR01	305 Transaction Handling Code	M ID 1/2
		Code designating the action to be taken by all parties	
		C	Payment Accompanies Remittance Advice
		I	Remittance Information Only
		M	Memo/Additional Remittance Detail
		R	Recurring Debit Authorization
		X	Handling Party's Option to Split Payment and

				Remittance			
		Z		Mutually Defined			
Must Use	BPR02	782	Monetary Amount		M R	1/15	
			Monetary amount				
			<i>1. Total monetary amount to be credited/debited.</i>				
			<i>2. A decimal point is required when the amount is in dollars and cents. Total payment amount cannot exceed eleven characters (including the decimal) when converted to NACHA format, e.g., 99999999.99</i>				
Must Use	BPR03	478	Credit/Debit Flag Code		M ID	1/1	
			Code indicating whether amount is a credit or debit				
			<i>Use to indicate the amount in BPR02 is a credit or debit.</i>				
			C	Credit			
			D	Debit			
Must Use	BPR04	591	Payment Method Code		M ID	3/3	
			Code identifying the method for the movement of payment instructions				
			ACH	Automated Clearing House (ACH)			
			DCD	ACH Demand Cash Concentration/Disbursement (CCD) Debit			
			DXC	ACH Demand Corporate Trade Exchange (CTX) Credit			
			FEW	Federal Reserve Fund/Wire Transfer - Repetitive			
			FWT	Federal Reserve Funds/Wire Transfer - Nonrepetitive			
	BPR05	812	Payment Format Code		O ID	1/10	
			Code identifying the payment format to be used				
			<i>If BPR04 is "ACH", the valid codes are "CCP" and "CTX".</i>				
			CCP	Cash Concentration/Disbursement plus Addenda (CCD+) (ACH)			
			CTX	Corporate Trade Exchange (CTX) (ACH)			
	BPR06	506	(DFI) ID Number Qualifier		X ID	2/2	
			Code identifying the type of identification number of Depository Financial Institution (DFI)				
			01	ABA Transit Routing Number Including Check Digits (9 digits)			
			<i>Use to identify the originator's number.</i>				
	BPR07	507	(DFI) Identification Number		X AN	3/12	
			Depository Financial Institution (DFI) identification number				
			<i>Cite the originator's routing number.</i>				
	BPR08	569	Account Number Qualifier		O ID	1/3	
			Code indicating the type of account				

			<i>Use to identify the originator's account using the appropriate X12 code.</i>		
	BPR09	508	Account Number	X AN 1/35	
	Account number assigned				
	<i>1. For debits, in which case the Government agency or its financial agent is the originator, cite the agency for ACH account number for ACH and CCD.</i>				
	<i>2. For credits, in which case the remitter is the originator, cite the remitter's account number.</i>				
	BPR10	509	Originating Company Identifier	O AN 10/10	
	A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9				
N/U	BPR11	510	Originating Company Supplemental Code	O AN 9/9	
	A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions				
	BPR12	506	(DFI) ID Number Qualifier	X ID 2/2	
	Code identifying the type of identification number of Depository Financial Institution (DFI)				
		01	ABA Transit Routing Number Including Check Digits (9 digits)		
	BPR13	507	(DFI) Identification Number	X AN 3/12	
	Depository Financial Institution (DFI) identification number				
	<i>For credits, in which case the Government agency or its financial agent is the receiver, cite the DFI identification number.</i>				
	BPR14	569	Account Number Qualifier	O ID 1/3	
	Code indicating the type of account				
	<i>Use to identify the receiver's account using the appropriate X12 code.</i>				
	BPR15	508	Account Number	X AN 1/35	
	Account number assigned				
	<i>1. For credits, in which case the Government agency or its financial agent is the receiver, cite the agency account number.</i>				
	<i>2. For debits, in which case the remitter is the receiver, cite the remitter's account number.</i>				
	BPR16	373	Date	O DT 6/6	
	Date (YYMMDD)				

Use to identify the settlement date.

	BPR17	1048	Business Function Code	O	ID	1/3
			Code identifying the business reason for this payment			
			<i>A data maintenance request has been submitted to ASC X12 to add code REC, receipts, to this data element.</i>			
			PCS Payment of Child Support			
			PEN Pension Payment			
			VEN Vendor Payment			
N/U	BPR18	506	(DFI) ID Number Qualifier	X	ID	2/2
			Code identifying the type of identification number of Depository Financial Institution (DFI)			
N/U	BPR19	507	(DFI) Identification Number	X	AN	3/12
			Depository Financial Institution (DFI) identification number			
N/U	BPR20	569	Account Number Qualifier	O	ID	1/3
			Code indicating the type of account			
N/U	BPR21	508	Account Number	X	AN	1/35
			Account number assigned			

Segment: **TRN** Trace

Position: 035

Loop:

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To uniquely identify a transaction to an application

Syntax Notes:

Semantic Notes:

- 1 TRN02 provides unique identification for the transaction.
- 2 TRN03 identifies an organization.
- 3 TRN04 identifies a further subdivision within the organization.

Comments:

Notes:

1. *This TRN segment can be used for re-association purposes.*
2. *Use this 1/TRN/035 segment to allow an originator to identify a transaction for tracking purposes.*
3. *Although use of this segment is optional, failure to cite a reference number in TRN02 will make it difficult to identify this transaction set in an Application Advice, 824 transaction set.*

Data Element Summary

Ref.	Data			
Des.	Element	Name	Attributes	
Must Use	TRN01	481	Trace Type Code	M ID 1/2
			Code identifying which transaction is being referenced	
		1	Current Transaction Trace Numbers	
			<i>Indicates that this is the trace number for this transaction.</i>	
Must Use	TRN02	127	Reference Number	M AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			<i>A unique number assigned by the originator of the transaction set.</i>	
N/U	TRN03	509	Originating Company Identifier	O AN 10/10
			A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9	
N/U	TRN04	127	Reference Number	O AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	

Segment: **REF** **Reference Numbers**
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			72 Schedule Reference Number	
			TN Transaction Reference Number	
			VV Voucher	
	REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			<i>Receipt reference number.</i>	
N/U	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **DTM** **Date/Time Reference**
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:
Notes: *Use this 1/DTM/060 segment to identify the date of this transaction set.*

Data Element Summary

Ref.	Data				
Des.	Element	Name	Attributes		
Must Use	DTM01	374	Date/Time Qualifier	M	ID 3/3
			Code specifying type of date or time, or both date and time		
		097	Transaction Creation		
	DTM02	373	Date	X	DT 6/6
			Date (YYMMDD)		
	DTM03	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
N/U	DTM04	623	Time Code	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	624	Century	O	N0 2/2
			The first two characters in the designation of the year (CCYY)		
N/U	DTM06	1250	Date Time Period Format Qualifier	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
N/U	DTM07	1251	Date Time Period	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment: **N1** Name

Position: 070

Loop: N1

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To identify a party by type of organization, name, and code

Syntax Notes:

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Notes:

1. *Use two repetitions of the N1 loop to identify the payer and payee organizations. Use the first iteration for payer. Use the second iteration for payee.*
2. *Use the 1/N1/070 loop to identify organization(s) or persons that apply to all of the line items, or are not applicable at the line item level. When the addresses vary by line item, use the 2/N1/020 loop.*

Data Element Summary

Ref.	Data								
Des.	Element	Name							
Must Use N101	98	Entity Identifier Code							
		Code identifying an organizational entity, a physical location, or an individual							
		PE	Payee						
			<i>Use to indicate the agency. When used, indicate the applicable ALC code N103/04.</i>						
		PR	Payer						
			<i>Use to indicate the applicable remitter's code.</i>						
		SQ	Service Bureau						
N102	93	Name				X	AN	1/35	
		Free-form name							
			<i>1. When N101 is code PR, use to indicate the remitter.</i>						
			<i>2. When N101 is code PE, cite the name of the agency.</i>						
			<i>3. Remitter name is not required if the standard carrier alpha code (SCAC) is present in N103.</i>						
N103	66	Identification Code Qualifier				X	ID	1/2	
		Code designating the system/method of code structure used for							

Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet
2	Standard Carrier Alpha Code (SCAC)
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)
33	Commercial and Government Entity (CAGE)
93	Code assigned by the organization originating the transaction set

Until conversion to DUNS numbers, agencies may cite an agency vendor identification number or an agency internal vendor identification number as related to the agency's payment system. Use only when another listed code is not applicable.

94	Code assigned by the organization that is the ultimate destination of the transaction set
----	---

FI	Federal Taxpayer's Identification Number
	<i>Use to indicate either the EIN or SSN as appropriate. Required when applicable.</i>

PI	Payor Identification
----	----------------------

	N104	67	Identification Code	X	AN	2/20
			Code identifying a party or other code			
N/U	N105	706	Entity Relationship Code	O	ID	2/2
			Code describing entity relationship			
N/U	N106	98	Entity Identifier Code	O	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual			

Segment: PER Administrative Communications Contact**Position:** 120**Loop:** N1**Level:** Heading**Usage:** Optional**Max Use:** >1**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
 - 2 If either PER05 or PER06 is present, then the other is required.
 - 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *Use this 1/PER/120 segment to identify a contact that applies to all of the line items, or are not applicable at the line item level. When the contact varies by line item, use the 2/PER/070 segment.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use PER01	366	Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		IC Information Contact	
PER02	93	Name	O AN 1/35
		Free-form name	
		<i>Cite the last name first, followed by the first name. Do not truncate the last name if whole name is longer than 35 characters. Instead, truncate the first name or use the initial of the first name.</i>	
PER03	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		<i>Use to identify the preferred method of communication in the first repetition. Use PER05/06 to identify an additional communication number. Use additional repetitions of the PER segment to identify additional numbers.</i>	
		AU Defense Switched Network	
		EM Electronic Mail	
		FX Facsimile	
		IT International Telephone	
		MN Modem Number	
		TE Telephone	
		TL Telex	
		TM Telemail	

		TX	TWX			
PER04	364	Communication Number		X	AN	1/80
		Complete communications number including country or area code when applicable				
		<i>Do not include blank spaces or dashes between numbers.</i>				
PER05	365	Communication Number Qualifier		X	ID	2/2
		Code identifying the type of communication number				
		<i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a commercial telephone number, PER05/06 can be used to cited an Electronic Mail address.</i>				
		AU	Defense Switched Network			
		EM	Electronic Mail			
		EX	Telephone Extension			
			<i>Use only if PER03 is used citing code AU, IT, or TE.</i>			
		FX	Facsimile			
		IT	International Telephone			
		MN	Modem Number			
		TE	Telephone			
		TL	Telex			
		TM	Telemail			
		TX	TWX			
PER06	364	Communication Number		X	AN	1/80
		Complete communications number including country or area code when applicable				
		<i>Do not include blank spaces or dashes between numbers.</i>				
PER07	365	Communication Number Qualifier		X	ID	2/2
		Code identifying the type of communication number				
		<i>Use to provide a third communications number for the party cited in PER02.</i>				
		AU	Defense Switched Network			
		EM	Electronic Mail			
		EX	Telephone Extension			
			<i>Use only if PER03 is used citing code AU, IT, or TE.</i>			
		FX	Facsimile			
		IT	International Telephone			
		MN	Modem Number			
		TE	Telephone			
		TL	Telex			

Payment Order/Remittance Advice (Inbound/Collections)

TM	Telemail
----	----------

TX TWX

PER08 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

Do not use blank spaces or dashes between numbers.

PER09 443 Contact Inquiry Reference O AN 1/20

Additional reference number or description to clarify a contact number

Use, if necessary, to provide the title of the party cited in PER02.

Segment: **ENT** Entity**Position:** 010**Loop:** ENT**Level:** Detail**Usage:** Optional**Max Use:** 1**Purpose:** To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

- Syntax Notes:**
- 1 If any of ENT02 ENT03 or ENT04 is present, then all are required.
 - 2 If any of ENT05 ENT06 or ENT07 is present, then all are required.
 - 3 If either ENT08 or ENT09 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:
 - (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).
 - (2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.
 - (3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.
 - (4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.
 This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

Notes: *Remitter will use either a single iteration of the 2/ENT/010 loop for a remittance advice directly to the payee agency, (single/single as described in comments 1 and 2), or more than one iteration, if a consolidated payer (for a multiple/single transaction) as described in comments 3 and 4.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
ENT01	554	Assigned Number	O	N0 1/6
		Number assigned for differentiation within a transaction set		
		<i>Number assigned by the remitter to each entity in the transaction.</i>		
ENT02	98	Entity Identifier Code	X	ID 2/2
		Code identifying an organizational entity, a physical location, or an individual		
		<i>Use any code.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		

	ENT03	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	1/2
	ENT04	67	Identification Code Code identifying a party or other code	X	AN	2/20
N/U	ENT05	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual	X	ID	2/2
N/U	ENT06	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X	ID	1/2
N/U	ENT07	67	Identification Code Code identifying a party or other code	X	AN	2/20
N/U	ENT08	128	Reference Number Qualifier Code qualifying the Reference Number.	X	ID	2/2
N/U	ENT09	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X	AN	1/30

Segment:	N1 Name
Position:	020
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	1. Use the 2/N1/020 loop to identify facility or geographic location that apply to organizations or persons that vary by line item. When organization and address apply to all line items, or are not applicable at the line item level, use the 1/N1/070 loop. 2. Whenever possible, address information should be transmitted using code values contained in a combination of the N101 and N103/04 data elements Use N102 and N2-N4 segments only when it is necessary to transmit the full address.

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use N101	98	Entity Identifier Code	M	ID 2/2
		Code identifying an organizational entity, a physical location, or an individual		
		<i>Use the applicable X12 code.</i>		
N102	93	Name	X	AN 1/35
		Free-form name		
N103	66	Identification Code Qualifier	X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
N104	67	Identification Code	X	AN 2/20
		Code identifying a party or other code		
N105	706	Entity Relationship Code	O	ID 2/2
		Code describing entity relationship		
		<i>Use any code.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		

N106	98	Entity Identifier Code	O ID 2/2
-------------	-----------	-------------------------------	-----------------

Code identifying an organizational entity, a physical location, or an individual

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **N2** **Additional Name Information**
Position: 030
Loop: N1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use N201	93	Name	M	AN 1/35
		Free-form name		
N202	93	Name	O	AN 1/35
		Free-form name		

Segment: **N3** **Address Information**
Position: 040
Loop: N1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment: **N4 Geographic Location**
Position: 050
Loop: N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the USA or Canada.
Notes: *This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
N401	19 City Name Free-form text for city name	O AN 2/30
N402	156 State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116 Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
N404	26 Country Code Code identifying the country	O ID 2/3
N/U N405	309 Location Qualifier Code identifying type of location	X ID 1/2
N/U N406	310 Location Identifier Code which identifies a specific location	O AN 1/30

Segment:	RMR Remittance Advice Accounts Receivable Open Item Reference
Position:	150
Loop:	RMR
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail
Syntax Notes:	1 If either RMR01 or RMR02 is present, then the other is required.
Semantic Notes:	1 If RMR03 is present, it specifies how the cash is to be applied. 2 RMR04 is the amount paid. 3 RMR05 is the amount of invoice (including charges, less allowance) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items. 4 RMR06 is the amount of discount taken which may be less than or equal to the amount of discount permitted.
Comments:	1 Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication. 2 If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present. 3 RMR05 may be needed by some payees to distinguish between duplicate reference numbers.
Notes:	1. <i>Use multiple iterations of the 2/RMR/150 loop as needed to indicate individual receipts included within the remittance amount.</i> 2. <i>Use to identify all open items to be included in the cash application (i.e., invoices, seller credit memos, etc.). Include agency data as available, in all relevant data element in each iteration of an RMR segment.</i> 3. <i>The RMR is to be used for open items being referenced for payment on account. The inner ADX segment should be used for adjustments to the RMR.</i>

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
RMR01	128	Reference Number Qualifier	X ID 2/2
		Code qualifying the Reference Number.	
		<i>When used in a system employing evaluated receipt settlement (ERS), there must be at least one iteration of the RMR segment citing one of codes BM, PK, or SI in data element RMR01 and ER in RMR03.</i>	
		1V	Related Vendor Order Number
		3H	Case Number

		AM	Adjustment Memo (Charge Back)		
		BM	Bill of Lading Number		
		C4	Change Number		
		CL	Seller's Credit Memo		
		CN	Carrier's Reference Number (PRO/Invoice)		
			<i>For transportation, use code "CN" if invoice is original.</i>		
		DL	Debit Memo		
		H9	Payment History Reference Number		
		IS	Invoice Number Suffix		
			<i>For transportation, use code "IS" if invoice is supplemental.</i>		
		IV	Seller's Invoice Number		
			<i>For example: A third party billing service is the seller to the contractor providing the product to the Government.</i>		
		OI	Original Invoice Number		
		PK	Packing List Number		
		R7	Accounts Receivable Open Item		
			<i>Use, as applicable, as a generic reference to an open item unless another listed qualifier code defines the precise nature of the item being referenced.</i>		
		SI	Shipper's Identifying Number for Shipment (SID)		
RMR02	127	Reference Number		X AN 1/30	
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
RMR03	482	Payment Action Code		O ID 2/2	
			Code specifying the type of accounts receivable open item(s) to be included in a cash application.		
		AI	Amount Paid Inclusive of Discounts and Adjustments		
		NS	Not Specified (Unknown as to Type of Payment)		
		PI	Pay Item		
		PO	Payment on Account		
RMR04	782	Monetary Amount		O R 1/15	
			Monetary amount		
			<i>1. Use to indicate the net amount paid.</i>		
			<i>2. A decimal point is required when amount is in dollars and cents.</i>		
RMR05	782	Monetary Amount		O R 1/15	
			Monetary amount		

RMR06 782 Monetary Amount
Monetary amount

O R 1/15

Segment: **REF** Reference Numbers

Position: 170

Loop: RMR

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify identifying numbers.

Syntax Notes: **1** At least one of REF02 or REF03 is required.

Semantic Notes:

Comments:

Notes: *This segment contains ancillary reference numbers relating to the preceding RMR segment. This segment shall not be used to identify the primary document number. Instead, cite that number in data elements RMR01/02.*

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number. <i>Use any applicable X12 code.</i>	M ID 2/2
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
N/U	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **DTM** **Date/Time Reference**

Position: 180

Loop: RMR

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify pertinent dates and times

Syntax Notes: **1** At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Cite the date of the document specified in the preceding RMR segment.*

Data Element Summary

Ref.	Data					
Des.	Element	Name	Attributes			
Must Use	DTM01	374	Date/Time Qualifier	M	ID	3/3
			Code specifying type of date or time, or both date and time			
		140	Actual			
			<i>The actual date of the document cited in the preceding data element RMR02.</i>			
		146	Closing Date			
		496	Contract Audit Date			
	DTM02	373	Date	X	DT	6/6
			Date (YYMMDD)			
N/U	DTM03	337	Time	X	TM	4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
N/U	DTM04	623	Time Code	O	ID	2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow			
	DTM05	624	Century	O	N0	2/2
			The first two characters in the designation of the year (CCYY)			
N/U	DTM06	1250	Date Time Period Format Qualifier	X	ID	2/3
			Code indicating the date format, time format, or date and time format			
N/U	DTM07	1251	Date Time Period	X	AN	1/35
			Expression of a date, a time, or range of dates, times or dates and times			

Segment: **ADX** Adjustment

Position: 210

Loop: ADX

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos

Syntax Notes: 1 If either ADX03 or ADX04 is present, then the other is required.

Semantic Notes: 1 ADX01 specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.

2 ADX02 specifies the reason for claiming the adjustment.

3 ADX03 and ADX04 specify the identification of the adjustment.

Comments:

Notes: *When payment amount varies from invoice amount, use multiple iterations of this 2/ADX/210 loop as needed to identify one or more adjustments to the current invoice indicated in the corresponding 2/RMR/150 loop.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ADX01	782	Monetary Amount		M R 1/15
			Monetary amount		
			1. Use to indicate the adjustment amount.		
			2. Use a minus sign to indicate a debit.		
			3. A decimal point is required when amount is in dollars and cents.		
Must Use	ADX02	426	Adjustment Reason Code		M ID 2/2
			Code indicating reason for credit memo, or adjustment to invoice, credit memo, or payment.		
			50 Late Charge		
			51 Interest Penalty Charge		
			L3 Penalty		
			L6 Interest Owed		
N/U	ADX03	128	Reference Number Qualifier		X ID 2/2
			Code qualifying the Reference Number.		
N/U	ADX04	127	Reference Number		X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		

Segment: **REF** Reference Numbers
Position: 240
Loop: REF
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes: *Use this segment, if applicable, to cite ancillary reference numbers relating to the preceding ADX segment.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number. <i>Use any code to cite an ancillary reference number relating to the data contained in the immediately preceding ADX segments.</i> RB Rate code number <i>When ADX02 is code L6, use to indicate the interest rate used to calculate the interest paid in the preceding ADX segment.</i> TD Reason for Change XX Rating Period	M ID 2/2
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
N/U	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **SE** Transaction Set Trailer
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use SE01	96	Number of Included Segments	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
Must Use SE02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		<i>Cite the same number that is contained in ST02.</i>	